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The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

## **DOE BULLETIN BOARD**

*Short Term Energy Outlook, Energy Information Administration, February 2002.*

EIA reports that OPEC-10 crude oil output (OPEC less Iraq) fell approximately 1.1 million barrels per day in January, which could mean steadily increasing average crude oil prices in 2002. Also expected to increase are gasoline prices, which EIA expects to gain about \$.15-.16 per gallon by late spring from the current average price.

Domestic petroleum products demand in 2001 was down 0.2 percent from 2000. This is the first such decline in 10 years, when the economy also contracted. Yet motor gasoline and distillate fuel oil experience continued growth. Average domestic oil production is expected to decrease by 6,000 barrels per day, or 0.3 percent, in 2002.

Total annual electricity demand growth is estimated to have been flat in 2001, but expected to revive slightly by 0.6 percent in 2002 and by a further 2.7 percent in 2003. This is compared to estimated demand growth in 2000 of 2.8 percent over 1999 levels. EIA expects that, in 2002, growth in industrial demand for electricity (including estimated net industrial own-use generation) will increase about 1.2 percent, in contrast to the estimated 8.0 percent contraction in 2001. In 2001, total hydropower generation was at record lows not seen since 1966.

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### **WHAT'S NEW ON THE FEMP HOME PAGE**

Federal Energy Saver Showcase Awards nominations are due March 20, 2002. To promote wise energy and water use throughout the Federal Government, agencies are showcasing cost-effective energy efficiency, water-conserving, and renewable energy technologies in their facilities.

[www.eren.doe.gov/femp/prodtech/get\\_recogniz.html](http://www.eren.doe.gov/femp/prodtech/get_recogniz.html)

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legislation on the floor (after campaign finance reform in wrapped up), the letter is timely in its effort to promote conservation and renewable energy sources. The signatories are part of a group called the National Religious Partnership for the Environment, which consists of Protestant, Catholic, Jewish, Orthodox, and evangelical denominations. (Source: *Christian Science Monitor*, February 27, 2002)

## **CONGRESSIONAL ACTIVITIES**

### **CONGRESSIONAL SCHEDULE**

Congress returned this week after a weeklong recess. Key activities over the next few months include FY 2003 appropriations bills and debate on comprehensive energy legislation.

The Senate is expected to begin consideration on the floor sometime next week of S. 517 - *No Short Title*; debate is expected to last several weeks, and there are reports that up to 200 amendments may be attached to the bill. S. 517 was introduced on March 12, 2001, as the *National Laboratories Partnership Improvement Act of 2001* by Senator Jeff Bingaman (D/NM); the bill is merged with Majority Leader Tom Daschle's (D/SD) energy bill, S. 1766, and Senator John Kerry's (D/MA) bill, S. 1926, to increase Corporate Average Fuel Economy Standards. Another bill, which was developed under the Democratic leadership, includes tax incentives to encourage energy efficiency and production. The energy bill was originally scheduled to be taken up this week, but has been delayed as a result of campaign finance reform legislation.

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### **STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP**

- Refer to [www.eren.doe.gov/femp/resources/initiatives.html](http://www.eren.doe.gov/femp/resources/initiatives.html); this section of the FEMP Home Page is updated at the beginning of each month.

### **Religious Leaders Support Energy Conservation**

In a letter sent to each member, 1,200 religious leaders reminded Senators that energy policy deliberations and legislation should include consideration of "moral obligations." As the Senate prepares to begin debate on energy

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## NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

- See [Attachment A](#) – New Legislation of Interest to FEMP

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## HEARINGS OF INTEREST OF FEMP

- See [Attachment B](#) – Hearings of Interest to FEMP

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# FEDERAL AGENCY ACTIVITIES

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## DEPARTMENT OF ENERGY

***Million Solar Roof Initiative*** On February 20, the Department of Energy announced the agency's Fiscal Year 2002 round of grants to establish State and Local Government Partnerships under the agency's Million Solar Roof Initiative. The purpose of the program is to install solar energy technologies on one million roofs across the United States by 2010. Two types of solar technologies qualify under the program, solar electric systems and solar thermal systems panels. Selected grantees receive funding and technical assistance. In this round, DOE expects to distribute approximately \$1 million to fund 20 to 30 grants amounting to \$10,000 to \$50,000 per grant. To view the solicitation, which is being issued by DOE's Golden Field Office, visit the agency's procurement web site at [www.golden.doe.gov](http://www.golden.doe.gov). For additional information, contact James McDermott at 303-275-4732.

***Renewable Energy Development on Tribal Lands*** On February 13, the Department of Energy announced plans to award multiple cooperative agreements to encourage the development of renewable energy of Tribal Lands. Two types of projects will be funded: Feasibility studies to develop economically sustainable renewable energy installations on Tribal Lands and implementation of sustainable renewable energy development projects. Eligible participants include Federally recognized Tribes or Alaskan Native Corporations. Based on the availability of funds, DOE has set aside approximately \$2.5 million. No cost sharing will be required for feasibility studies; however, at least 20 percent in non-Federal funds will be required for project development. DOE plans to conduct a pre-solicitation conference on March 20, 2002, in Denver, Colorado. For more information on the program, contact Ruth Adams at 303-275-4788. A solicitation is scheduled to be issued in late February; visit the DOE web site [www.golden.doe.gov/businessopportunities.html](http://www.golden.doe.gov/businessopportunities.html) and select "Solicitations" for additional information.

## FEDERAL ENERGY REGULATORY COMMISSION

**The Federal Energy Regulatory Commission (FERC) may require Regional Transmission Organization managers to take control of demand curtailment programs from local utilities.** FERC members believe that demand-related decisions that support regional objectives would increase reliability.

FERC Chairman Pat Wood implied that demand response program rules may be incorporated into a planning document to be released in March. (Source: *LCG Consulting*, February 20, 2002)

## **ENVIRONMENTAL PROTECTION AGENCY**

***New Developments in ENERGY STAR®*** In January, the Environmental Protection Agency announced the establishment of performance specifications for cordless telephones, answering machines, and combination units. The EPA announcement notes that, if all such products operating in the U.S. reduced their power by one-third of standard models over the next 10 years, consumers could realize a savings of approximately \$4 billion on electricity bills and a reduction of 66 billion pounds of greenhouse gas emissions. “Charter Partners” in the new program include RadioShack Corporation; Panasonic; Vtech Communications, Inc.; TT Systems LLC; and Uniden America Corporation.

EPA has also announced the government’s first equipment manufacturer partner in the ENERGY STAR® Water Cooler program. ADDICO Products is manufacturing water coolers that are more energy efficient than standard models when operating in a stand-by mode. For more information on the ENERGY STAR® program, visit the EPA web site at [www.epa.gov](http://www.epa.gov).

## **WHITE HOUSE**

### **Energy Efficiency and the Environment Announcements**

During the month of February, President Bush issued remarks during his weekly radio address to the nation and at various public events. Provided below is a summary of these remarks, highlighting his comments on energy efficiency.

***Clean Sky Initiative*** On February 14, President Bush announced his new “Clean Sky Initiative” to reduce power plant air pollution emissions by 70 percent nationwide. Targeted reductions include sulfur dioxide by 73 percent, nitrogen oxides by 67 percent, and mercury emissions by 69 percent; emission caps will be set to account for different air quality needs in the East and the West. In making his announcement, the President described his new, market-based approach to clean air:

Our nation must have economic growth – growth to create opportunity; growth to create a higher quality of life for our citizens. Growth is also what pays for investment in clean technologies, increased conservation, and energy efficiency. Meeting our commitment to reduce our greenhouse gas intensity by 18 percent by the year 2012 will prevent over 500 million metric tons of greenhouse gases from going into the atmosphere over the course of the decade. And that is the equivalent of taking 70 million cars off the road.

To achieve this goal, our nation must move forward on many fronts, looking at every sector of our economy. We will challenge American business to further reduce emissions. Already, agreements with the semiconductor and aluminum industries and others have dramatically cut emissions of some of the most potent greenhouse gases. We will build on these successes with new agreements and greater reductions.

We will promote renewable energy production and clean coal technology, as well as nuclear power, which produces no greenhouse gas emissions. And we will work to safely improve fuel economy for our cars and our trucks.

***Energy Security*** On February 23, the President’s weekly radio address to the nation focused on his National Energy Policy and the current Congressional debate on energy security. He described for his listeners his

balanced, comprehensive and aggressive energy plan that will help address this challenge. The plan has five main parts: First, it promotes conservation. It increases funding for energy

efficiency and renewable energy programs and supports the development of fuel-efficient vehicles.

The President urged Congress to pass his energy plan because it “is not just important for energy security, it is also vital to our economic security. Economic growth requires reliable and affordable energy.”

***Energy Efficiency through Technology*** On February 25, in conjunction with Secretary of Energy Spencer Abraham and EPA Administrator Christine Whitman, President Bush discussed his proposal for “a comprehensive energy plan that recognizes that through technology we can increase our national security and economic security by reducing demand for petro chemicals and, at the same time, we can clean up the air in our country.” In his remarks, the President stressed the importance of a balanced course of action that addresses both an increase in domestic production and the reduction of energy consumption. He focused on the opportunities to reduce energy use in the transportation sector including development of fuel cells for vehicles under the new FreedomCar initiative and his plan to provide consumers over \$3 billion in tax credits during the next 11 years for the acquisition of more efficient vehicles.

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## **POSTAL SERVICE**

**The USPS recently installed a landmark photovoltaic demonstration project at its Marina Processing and Distribution Center in Southern California.** The 409,630-square-foot facility was the ideal choice to satisfy the goals of saving money, answering the state’s call to reduce demand, and demonstrating the viability of PV for the USPS. The project features a 127 kW PV installation on the facility’s flat roof and is expected to save between \$25-28,000 per year. PowerLight Corp. technology was chosen for the PV system, in part because Powerlight’s technology does not require roof penetrations and because of its added insulation and roof-life extension benefits. The PV system is linked to a new energy management system from CMS Viron Energy Services that monitors power output from the solar cells and maintains constant demand reductions. As a result, high demand charges due to power surges during generation drop-offs are avoided. In addition to the role of USPS management and site operations managers and the efforts of the technology providers, Lawrence Berkeley National Laboratory played a technical advisory role. The Los Angeles Department of Water and Power and the FEMP Distributed Energy Resources program provided key financial incentives. For further information email [WHGolove@lbl.gov](mailto:WHGolove@lbl.gov).

## **ATLANTA REGION**

*No news of interest to FEMP.*

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## **BOSTON REGION**

### **Utility/DSM Activities**

**The Department of Veterans’ Affairs has announced plans to negotiate a contract with Select Energy NY (formerly Niagara Mohawk Energy Marketing) of Syracuse, New York.** The purpose of the award is to provide electricity to VA Medical facilities in the VA Healthcare Network Upstate NY; affected communities include Albany, Bath, Buffalo, and Syracuse. The proposed contract will be for a period of one year beginning May 1, 2002. For additional information, contact Joseph Turton at 518-626-6846; refer to Solicitation Number JT0201-1.

**The Public Building Service of the General Services Administration has announced the agency’s intent to award a contract for the supply of electricity to Federal facilities located in Massachusetts and New Hampshire.** The proposed contract will be for a 24-month period beginning March 8, 2002;

the service area energy requirement is approximately 200 million kWh per year. Contact Jerard Butler at 202-208-1180 for more information and refer to Solicitation Number GS-00P-02-BWC-0186.

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## **CHICAGO REGION**

*No news of interest to FEMP.*

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## **DENVER REGION**

*No news of interest to FEMP.*

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## **PHILADELPHIA REGION**

### **Utility/DSM Activities**

**The General Services Administration's Public Buildings Service has issued a Request for Proposals to provide electricity for Federal facilities located in the region of Baltimore, Maryland.** The agency's Energy Center of Expertise plans to award a thirty-two month contract beginning in June 2002, with an estimated annual energy requirement of 200 million kWh. For more information on Solicitation Number GS-00P-02-BSC-0185, contact Jerard Butler at 202-208-1180.

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## **SEATTLE REGION**

### **Utility/DSM Activities**

**The General Services Administration is seeking a supplier of electricity for six facilities located in Portland, Oregon.** This solicitation is being conducted in response to the state's electric restructuring activity. GSA plans to award a contract for a period of one year with three one-year option periods. Companies eligible to participate in this initiative must be certified by the Oregon State Public Utilities Commission prior to the award of a contract. Contact Pam Casida at 253-931-7942 for more information on Solicitation Number GS-10P-01-LSC-0103.

**The Naval Facilities Engineering Command recently awarded a contract to the Exelon Services Federal Group to provide utility privatization support services.** This is a continuation of services provided under an earlier contract. For additional information, contact Debbie Buckley at 805-982-3993 and refer to Solicitation Number N47408-02-T-0316.

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# **STATE AND LOCAL GOVERNMENT ACTIVITIES**

## **ATLANTA REGION**

### ► *General State Activities*

**A project funded by the U.S. Poultry & Egg Association and the Fats and Protein Research Foundation is enabling the University of Georgia's Department of Biological and Agricultural Engineering to generate heat by burning biofuels such as restaurant grease and chicken fat.** These biofuels give about 90 percent of the heat of fuel oil; resulting air emissions are comparatively low in sulfur and other emissions. Project sponsors also plan to test the use of biofuels in other applications, such as auto and truck engines. (Source: Associated Press, February 8, 2002)

**British Petroleum (BP) has begun installing solar-powered canopies at 40 of its new convenience stores in the Orlando area** to power gasoline pumps and lighting. The new solar panels will be the largest collective commercial application of photovoltaic energy in Florida, according to the Florida Solar Energy Center. To help lower Orlando's air pollution levels, BP will also make a new lower-sulfur gasoline available at the stores. (Source: *EarthVision Environmental News*, February 4, 2002)

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## **BOSTON REGION**

*No news of interest to FEMP.*

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## **CHICAGO REGION**

*No news of interest to FEMP.*

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## **DENVER REGION**

### ► *General State Activities*

**The roof of the Utah Olympic Oval in Salt Lake City, site of numerous events during the recent Winter Olympics, was designed to be energy efficient.** The roof's cable suspension system is only three feet deep, minimizing the volume that needs to be heated, cooled, and humidified. The roof also uses 35 percent less steel and 25,000 square feet less building surface than other cable suspension structures. In addition, the roof's surface, a white, single-ply, thermoplastic, membrane system, reduces both heat gain within the building and the urban heat-island effect. The building has been certified by the Leadership in Energy and Environmental Design (LEED) rating system. (Source: Christine Grahl, *Environmental Design + Construction*, January-February 2002)

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## **PHILADELPHIA REGION**

**On February 15, the Mid-Atlantic Renewable Energy Coalition (MAREC) announced a new multi-media campaign to encourage consumers in the Pittsburgh and Philadelphia utility service territories to switch to clean energy sources.** The million-dollar campaign, "Clean Your Air," will involve television announcements in the Pittsburgh and Philadelphia markets and radio and print



announcements for the other regions. Targeted service territories include Delaware; Maryland; New Jersey Pennsylvania; Washington, DC; Virginia; and West Virginia. The U.S. Department of Energy and the U.S. Environmental Protection Agency, the Pennsylvania Department of Environmental Protection, and the Heinz Foundation are the principal sources of funding for this campaign; a number of nonprofit and private sector companies are also participating in the campaign. For more information, visit the campaign's web site at [www.CleanYourAir.org](http://www.CleanYourAir.org).

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## SEATTLE REGION

### ► *General State Activities*

On February 10, the Los Angeles Department of Water and Power kicked off its new “Green L.A.” program designed to make Los Angeles a sustainable city by encouraging tree planting, electric transportation, water conservation, recycling, energy efficiency, and solar and green power. Green L.A. programs include “Green Power for a Green L.A.,” which allows residents to choose 100 percent renewable energy; the “Solar Incentive Program,” tasked with lowering the purchase price of solar electric or photovoltaic systems by at least half; and “Voices for a Green L.A.,” an outreach effort that seeks to raise awareness of these programs. “Green L.A. provides L.A. residents a unique opportunity to make substantial changes to the way we use and conserve energy as well as take care of our environment,” said Los Angeles Department of Water and Power Board president Kenneth Lombard. For more information, go to [www.GreenLA.com](http://www.GreenLA.com). (Source: Environmental News Network, January 30, 2002)

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# UTILITIES AND SUPPLIER ACTIVITIES

## ATLANTA REGION

*No news of interest to FEMP.*

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## BOSTON REGION

*No news of interest to FEMP.*

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## CHICAGO REGION

### ► *Public Benefits Programs*

On January 23, the Illinois Clean Energy Community Foundation (ICECF) awarded grants totaling \$2.1 million for research in integrating state-of-the-art energy efficiency into new and rehabilitated buildings and for supporting the use of energy efficiency as an economic development tool for downtown revitalization. Grants were given to 28 organizations throughout Illinois. “Each of the projects incorporates energy efficiency into innovative efforts that serve its community,” said Peter Peters, Chairman of the ICECF Board of Trustees. The ICECF, an independent nonprofit organization, received a \$225 million endowment from Commonwealth Edison. For more information on the ICECF and its programs, go to [www.illinoiscleanenergy.org](http://www.illinoiscleanenergy.org)

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## **DENVER REGION**

*No news of interest to FEMP.*

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## **PHILADELPHIA REGION**

*No news of interest to FEMP.*

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## **SEATTLE REGION**

*No news of interest to FEMP.*

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# **ALTERNATIVE FUELS AND VEHICLES**

## **GENERAL ANNOUNCEMENTS**

### **New Products and Services**

**Toyota Motor Co. will release a fuel cell vehicle for commercial use in the summer of 2003.** The FCHV-4 will first be sold in Tokyo, where hydrogen refueling stations are being constructed. The car is modeled after Toyota's Kluger V (Highlander in North America), a sport-utility vehicle, and will be marketed to large corporations and government agencies. (Source: *Bangkok Post*, February 25, 2002)

**Volkswagen's HY.POWER Bora Fuel Cell Vehicle (FCV) and a Jetta Bora Turbo Direct Injection diesel car powered by SunFuel successfully completed their first extended test drive through extreme conditions in Michigan.** The FCV is notable for its low-cost hydrogen fuel cell and ultra capacitors designed by the Paul Scherrer Institute. SunFuel is low-sulfur synthetic fuel made from renewable sources. SunFuel could be used to fuel FCVs at a gas station with a reformer device to convert gas or diesel into hydrogen. (Source: *CALSTART News Notes*, February 7, 2002; Volkswagen press release, February 6, 2002)

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## **ATLANTA REGION**

### **Infrastructure Activities**

**Florida's Pinellas Suncoast Transit Authority has opened a natural gas fueling station to support the 10 new natural-gas-fueled trolleys purchased through \$3.5 million in funding from the Congestion Mitigation and Air-Quality Program and the private sector.** The fueling station was built with assistance from the alternative fuel consulting company Motorfuelers, Inc., and the local gas supplier, TECO/Peoples Gas. (Source: *Natural Gas Fuels*, January 2002)

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## **BOSTON REGION**

### **Infrastructure Activities**

**A New York initiative is promoting compressed natural gas (CNG) projects.** New York has selected Kingdom Group LLC to construct 16 publicly accessible CNG fueling stations along major interstates. Snapple Beverage Group plans to convert their Brooklyn facility's indoor material-handling fleet to CNG. Howland Hook Container Terminal, Inc., will purchase 75 CNG vehicles and install two CNG fueling stations to support them. (Source: *Natural Gas Fuels*, January 2002)

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## **CHICAGO REGION**

### **Infrastructure Activities**

**Scott Air Force Base, Belleville, Illinois, is the first Air Force base to replace diesel with biodiesel in all its vehicles.** The fuel blend used is B20, with 20 percent biodiesel and 80 percent petroleum diesel. From April 2001 to November 2001, Scott Air Force Base consumed 32,000 gallons. (Source: *Vehicle Views*, January 2002)

**The Department of Energy's Office of Transportation Technologies has awarded a \$55,000 grant to Morton College to offer alternative fuel training programs in the Chicago metropolitan area.** The courses will provide education and training to fleet technicians, auto dealership service personnel, and aftermarket equipment mechanics to learn how to work with alternatively fueled vehicles. (Source: *Natural Gas Fuels*, January, 2002)

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## **DENVER REGION**

### **Infrastructure Activities**

**General Motors Corp. provided 200 natural-gas-powered full-size vans for transportation at the Olympic Winter Games in Salt Lake City, Utah.** The bi-fueled Chevrolet Express and GMC Savana were used to transport athletes around the Olympic village and competitions. (Source: *Natural Gas Fuels*, January 2002)

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## **PHILADELPHIA REGION**

### **AFV Fleet Acquisitions**

**Metro, the mass transit provider of Washington, DC, purchased 164 new natural-gas-fueled buses for \$53.3 million.** An additional \$15.4 million went to a fueling station and repair facility for the new buses. The fleet recently converted from diesel fuel to ultra-low-sulfur diesel fuel, which has lowered particulate emissions to a level comparable to that of compressed natural gas buses. The CNG buses are expected to reduce nitrous oxide emissions by 50 percent and overall emit 90 percent less total air pollutants than the current buses in operation. (Source: *Environmental News Service*, February 13, 2002; Washington Metropolitan Transit Authority press release, February 11, 2002)

**A new Federal agency, the Court Services and Offender Supervision Agency, has announced plans to lease vehicles for its fleet, including alternative-fueled vehicles.** The agency is interested in leasing

a variety of vehicles including sedans, station wagons, utility vehicles, and vans for a period of one year with for one-year option years beginning October 1, 2002. In the announcement, the agency cites *Executive Order 13031 – Federal Alternative Fueled Vehicle Leadership* and notes that “if at any time any of the vehicles provided for lease are not Alternative Fueled Vehicles and they become available for lease as this type of vehicle, the contractor shall make the vehicle(s) available.” Court Services will renegotiate leases for alternative-fueled vehicles. To learn more about this acquisition, contact Patricia Willett at 202-220-5708 and refer to Solicitation Number FAC-02.

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## **SEATTLE REGION**

### **AFV Fleet Acquisitions**

**Luke Air Force Base, Phoenix, AZ, has replaced gas-burning sedans with 380 “Neighborhood” Electric Vehicles (NEVs).** NEVs have a maximum speed of only 25 mph, but are safe for on-road use. (Source: *Vehicle Views*, January 2002)

**The South Coast Air Quality Management District in Southern California has approved \$28 million in funding for low-emission heavy-duty vehicle acquisitions and fueling stations.** As a results of this funding from the Carl Moyer Program 1,000 alternative fuel vehicles, including 500 transit buses, 300 delivery and refuse trucks, and 275 other heavy vehicles, will be purchased. (Source: *Natural Gas Fuels*, January 2002)

### **Infrastructure Activities**

**A fast-fuel station opening in Tulare, California, is the second station planned along the Interstate Transportation Corridor.** The station will dispense both compressed and liquefied natural gas to fuel Tulare’s municipal fleet, including 22 police cars, six buses, and nine utility vehicles. The City of Tulare paid \$500,000 of the cost of the \$950,000 station. (Source: *Natural Gas Fuels*, January 2002)

### **New Products and Services**

**\$7.5 million has been awarded to Southern States Power Company for soy-based biodiesel production.** Through the 2002 United States Department of Agriculture Bio-Energy Subsidy Program, the company will be subsidized quarterly for purchases of bio-based feedstock used in the production of biodiesel. The subsidy covers the Coachella plant and any biodiesel produced at planned facilities in Reno, Nevada; Phoenix, Arizona; and Sacramento, California. (Source: Southern States Power Co. press release, February 12, 2002; *EREN Network News*, February 20, 2002)

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## **ENERGY MANAGEMENT TOOLS AND TECHNOLOGY**

➤ See also [Attachment C](#), *New Technologies*.

### **SOFTWARE AND TECHNICAL ASSISTANCE TOOLS**

**Model PS100 of the Pro Series Pulse (flow) datalogger records the rate of water flow and total gallons over time for greater efficiency.** The datalogger features delayed start capability and data storage of more than 32,500 sample points. (Source: *Air Conditioning, Heating, and Refrigeration News*, February 2002)

**Waukesha Engine's Engenius ESM engine system manager optimizes engine efficiency by monitoring engine conditions.** The tool controls ignition timing, speed governing, and stop/start functions; it provides diagnostic help and fault logging. It can be packaged to communicate instantly to an Internet server, computer, phone, or pager via satellite, cellular connection, radio frequency device, or land phone line. (Source: *Energy User News*, February 2002)

**EnFlex's facility monitoring and control systems for both energy use and facility operations are designed for large enterprises.** Users can simultaneously access all levels of information, from historical data to real-time aggregation of any number of sites. Data can be delivered via the enterprise network or the Internet. An application programming interface allows existing enterprise applications to communicate through gateways, while an embedded scripting language allows the creation of unique monitoring and control solutions. (Source: *Energy User News*, February 2002)

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## **MEETINGS, CONFERENCES, AND TRAINING** **WORKSHOPS**

➤ Refer to [Attachment D](#) for the complete list of upcoming events.

### **ATLANTA REGION**

*No new conferences of interest to FEMP.*

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### **BOSTON REGION**

*No new conferences of interest to FEMP.*

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### **CHICAGO REGION**

**The Building Owners and Manufacturers Association (BOMA) is holding its 95<sup>th</sup> Annual Convention and Office Building Show June 23-25 in Chicago.** Highlights include one of BOMA's acclaimed programs, Boot Camp II: Blueprint for Prosperity in a Customer-Driven Market. For more information or to register, go to [www.boma.org](http://www.boma.org).

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### **DENVER REGION**

**The Center for Business Intelligence is sponsoring a conference, Demand-Response Programs, on March 7-8 in Houston, Texas.** Topics include Retaining Customers, Selling Surplus Output, Minimizing Capacity Constraints, and Optimizing Returns on Investment. For more information, see [www.cbinet.com](http://www.cbinet.com).

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## PHILADELPHIA REGION

The Performance Institute is sponsoring a program, **2002 Government Facility Management Training Sessions, on March 18-21 in Washington, DC.** Topics will include Performance, Compliance, Safety, Security Technology, Health Security, and Building Security Through Design. For more information, contact James Simpson at (703) 519-6270 x209 or [simpson@performanceweb.com](mailto:simpson@performanceweb.com).

The Defense Energy Support Center is sponsoring a conference, **Worldwide Energy Conference: Fuel for Today's Forces, on April 29-May 2 in Washington, DC.** Topics include Energy Savings Performance Contracts, Small Business Energy Companies, Quality Inspection Procedures, Fuel Additives, and Fuel Technology. For more information, go to [www.desc.dla.mil](http://www.desc.dla.mil).

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## SEATTLE REGION

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) is holding their **2002 annual meeting in Honolulu, Hawaii, on June 22-26.** ASHRAE will provide more information, including conference topics, at [www.ashrae.org](http://www.ashrae.org).

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# STUDIES, REPORTS, AND ANALYSES

## ENERGY AND WATER CONSERVATION

***State of the Campus Environment: A National Report Card on Environmental Performance and Sustainability in Higher Education*, National Wildlife Federation, February 2002.**

This survey found that many colleges and universities are embracing sound environmental practices. In fact, 80 percent of the schools responding to the survey have introduced lighting efficiency upgrades to save energy. In addition, 72 percent of the schools reported efforts at conserving water, while 65 percent described having implemented recycling programs. However, transportation management remains largely forgotten on U.S. campuses. The report is available at [www.nwf.org](http://www.nwf.org).

***Breaking Down the Barriers*, Development Center for Appropriate Technology (DCAT), February 2002.**

The survey found that building codes frequently present barriers to green building alternatives. Respondents included those who seek code approval for construction plans and officials who approve or deny those plans. Both groups overwhelmingly indicated that it is important to have plenty of supporting information when submitting plans for green building alternatives. The survey report is available at [www.dcat.net](http://www.dcat.net). (Source: *Green Building News*, January 29, 2002)

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## ALTERNATIVE FUELS AND VEHICLES

***Green Book™: The Environmental Guide to Cars & Trucks – Model Year 2002*, American Council for an Energy-Efficient Economy (ACEEE), February 2002.**

The *Green Book* is designed to assist consumers interested in purchasing an eco-friendly car and truck for the Model Year 2002. Every vehicle sold in the United States is given an overall “green score” and class

ranking. (Source: *Alliance to Save Energy* newsletter, February 2002)

***Heavy Vehicle & Engine Resource Guide* , National Renewable Energy Laboratory and the Department of Energy, February 2002.**

The guide is a catalog and reference guide for gaseous fuels, battery-electric, hybrid-electric and fuel cell products. Products from 40 manufacturers and more than 125 vehicles and engines that are available in the United States are included in the guide. (Source: *Natural Gas Fuels*, January 2002)

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## **MISCELLANEOUS**

***Economics of Sustainability: A Review of Journal Articles* , Resources for the Future, February 2002.**

The authors examined 25 years of journal articles and identified areas of sustainability that should be addressed in future investigations. Such areas include improving the clarity of sustainability criteria and maintaining distinctions between economic efficiency and equity. The report is available at [www.rff.org](http://www.rff.org).

***Managing for Results, Agency Progress in Linking Performance Plans With Budgets and Financial Statements*, General Accounting Office, January 2002; Report Number GAO-02-236.**

This report was prepared in response to a request from Senator Fred Thompson (R/TN), Ranking Minority Member of the Committee on Governmental Affairs. The committee has jurisdiction over implementation of the *Government Performance and Results Act (GPRA)* in the Federal Government. The authors assess the experiences of 35 agencies in linking their individual performance plans and budgets as required by *GPRA*. This assessment addressed the following for each agency:

- Linkage of performance plans to program activities specified in agency budgets
- Funding estimates for expected levels of performance
- Information on how funding estimates were derived or allocated or allocated from program activities in budget requests

As a result of this analysis, GAO has determined that Federal agencies continue to improve their efforts to “define a linkage between their performance plans and the program activities in their budget requests;” approximately 75 percent of the agencies achieved this goal for the FY 2002 budget versus 40 percent for the FY 1999 budget request. However, most agencies offered “higher, more general levels of expected performance” versus establishing detailed performance goals. Agencies that successfully linked program activities to performance goals for the FY 2002 budget request included the Departments of Energy and Housing and Urban Development, the Environmental Protection Agency, the National Aeronautical and Space Administration, and the National Park Service. To review the report, visit the agency’s web site at [www.gao.gov/daybook/daybook.htm](http://www.gao.gov/daybook/daybook.htm) and select January 31, 2002.

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# ATTACHMENT A

## NEW LEGISLATION OF INTEREST TO FEMP

### HOUSE

Number	Short title	Date	Sponsor	Status
<b>H.R. 3779</b>	<b>No Short Title</b>	February 14, 2002	Connie Morella (R/MD)	Referred to the Committee on Government Reform
	<b>Key Provisions:</b>	Amends <i>Title 31</i> of the <i>United States Code</i> to allow Federal agencies to use passenger carriers owned or leased by the government to provide transportation to employees between their place of employment and mass transit facilities, and to the maximum extent possible, use alternative fuel vehicles to provide transportation services.		

### SENATE

Number	Short title	Date	Sponsor	Status
<b>S. 1951</b>	<b>No Short Title</b>	February 14, 2002	Dianne Feinstein (D/CA)	Referred to the Committee on Agriculture, Nutrition, and Forestry
	<b>Key Provisions:</b>	<p><b>Provides regulatory oversight over energy trading markets, and for other purposes.</b></p> <p><b>Requires that the Commodity Futures Trading Commission maintain a liaison with the Federal Energy Regulatory Commission.</b></p> <p><b>Requires that the Federal Energy Regulatory Commission maintain jurisdiction over derivatives transactions based on electric energy or natural gas prices.</b></p> <p><b>Requires that the Federal Energy Regulatory Commission meet quarterly with the Commodity Futures Trading Commission, the Securities Exchange Commission, the Federal Trade Commission, and the Federal Reserve Board to discuss conditions and events in energy trading markets and any changes in Federal law that may be appropriate to regulate energy trading markets.</b></p>		
<b>S. 1942</b>	<b>Biodiesel Promotion Act of 2002</b>	February 13, 2002	Blanche Lincoln (D/AR)	Referred to the Committee on Finance
	<b>Key Provisions:</b>	To amend the <i>Internal Revenue Code of 1986</i> to provide a tax credit to promote the production of biodiesel, and for other purposes. Biodiesel mixture credit is the sum of the products of the biodiesel mixture rate for each qualified biodiesel mixture and the number of gallons of such mixture of the taxpayer for the taxable year. Requires that qualified biodiesel mixture include a mixture of diesel and biodiesel. Biodiesel mixture rate shall be one cent for each whole percentage point (not to exceed 20 percentage points) of biodiesel in such mixture.		

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# **ATTACHMENT B**

## **HEARINGS SCHEDULE**

### **HOUSE – COMMITTEE ON APPROPRIATIONS**

<b>Date/Committee</b>	<b>Chair</b>	<b>Hearing Title/Issues</b>	<b>Witnesses</b>	<b>Time/Location</b>
<b>February 27</b> – Subcommittee on Military Construction	David Hobson (R/OH)	<b>Hearing</b> – Budget Overview; Army	TBA	9:30 a.m. and 1:30 p.m. Room B-300 Rayburn Office Building
<b>February 27</b> – Subcommittee on Interior and Related Agencies	Joe Skeen (R/NM)	<b>Hearing</b> – Department of Interior	TBA	10:00 a.m. Room B-308 Rayburn Office Building
<b>February 28</b> – Subcommittee on Interior and Related Agencies	Joe Skeen (R/NM)	<b>Hearing</b> – Department of Energy's Energy Conservation Program	TBA	11:00 a.m. Room B-308 Rayburn Office Building
<b>March 5</b> – Subcommittee on Veterans' Affairs, Housing and Urban Development and Independent Agencies	James Walsh (R/NY)	<b>Hearing</b> – Department of Veterans' Affairs	TBA	9:30 a.m. and 1:30 p.m. Room H-143 The Capitol
<b>March 6</b> – Subcommittee on Military Construction	David Hobson (R/OH)	<b>Hearing</b> – Navy and Air Force	TBA	9:30 a.m. and 1:30 p.m. Room B-300 Rayburn Office Building
<b>March 6</b> – Subcommittee on Energy and Water Development ( <b>NEW</b> )	Sonny Callahan (R/AL)	<b>Hearing</b> – Department of Energy	Spencer Abraham, Secretary of Energy	10:00 a.m. Room 2362B Rayburn Office Building
<b>March 6</b> – Subcommittee on Veterans' Affairs, Housing and Urban Development and Independent Agencies	James Walsh (R/NY)	<b>Hearing</b> – Federal Emergency Management Agency	TBA	9:30 a.m. Room H-143 The Capitol
<b>March 7</b> – Subcommittee on Military Construction	David Hobson (R/OH)	<b>Hearing</b> – Pacific Command	TBA	9:30 a.m. Room B-300 Rayburn Office Building
<b>March 12</b> – Subcommittee on Veterans' Affairs, Housing and Urban Development and Independent Agencies	James Walsh (R/NY)	<b>Hearing</b> – Environmental Protection Agency	TBA	9:30 a.m. Room H-143 The Capitol

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<b>March 13</b> – Subcommittee on Military Construction	David Hobson (R/OH)	<b>Hearing – Housing Privatization</b>	TBA	9:30 a.m. Room B-300 Rayburn Office Building
<b>March 13</b> – Subcommittee on Energy and Water Development ( <b>NEW</b> )	Sonny Callahan (R/AL)	<b>Hearing</b> – Department of Energy - Science, Nuclear Energy, and Renewable Energy	Robert Card, Under Secretary for Energy, Science, and Environment	10 a.m. Room 2362B Rayburn Office Building
<b>March 19</b> - Subcommittee on Veterans' Affairs, Housing and Urban Development and Independent Agencies	James Walsh (R/NY)	<b>Hearing</b> – Department of Housing and Urban Development	TBA	9:30 a.m. and 1:30 p.m. Room H-143 The Capitol
<b>April 10</b> – Subcommittee on Military Construction	David Hobson (R/OH)	<b>Hearing</b> – National Park Service	TBA	10:00 a.m. Room B-300 Rayburn Office Building
<b>April 17</b> - Subcommittee on Veterans' Affairs, Housing and Urban Development and Independent Agencies	James Walsh (R/NY)	<b>Hearing</b> – National Aeronautics and Space Administration	TBA	9:30 a.m. and 1:30 p.m. Room 2359 Rayburn Office Building
<b>April 17</b> – Subcommittee on Interior and Related Agencies	Joe Skeen (R/NM)	<b>Oversight Hearing- Energy Research – Measuring Success</b>	TBA	10:00 a.m. Room B-300 Rayburn Office Building

## HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<b>March 6</b> – Committee on the Budget ( <b>NEW</b> )	Jim Nussle (R/IA)	<b>Hearing</b> – Department of Agriculture FY 2003 budget priorities	Ann Veneman Secretary, U.S. Department of Agriculture	2:00 p.m. Room 210 Cannon Office Building

## SENATE – COMMITTEE ON APPROPRIATIONS

*No new hearings of interest have been scheduled.*

## SENATE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<b>February 27</b> – Subcommittee on Readiness and Management Support (Committee on Armed Services) <b>(UPDATED)</b>	Daniel Akaka (D/HI)	<b>Hearing</b> – Examine DOD acquisition policy issues	Michael Wynne, Principal Deputy Under Secretary of Defense (Acquisition, Technology and Logistics); Deirdre Lee, Defense Procurement; Angela Styles, Office of Federal Procurement Policy	10:00 a.m. Room 222 Russell Office Building
<b>February 28</b> - Subcommittee on Readiness and Management Support (Committee on Armed Services) <b>(UPDATED)</b>	Daniel Akaka (D/HI)	<b>Hearing</b> – Examine DOD authorization request for FY 2003, focusing on installations and environmental programs	Raymond Dubois, Deputy Under Secretary of Defense (Installations and Environment); Mario Fiori, Assistant Secretary of the Army (Installations and Environment); H.T. Johnson, Assistant Secretary of the Navy (Installations and Environment); Nelson Gibbs, Assistant Secretary of the Air Force (Installations, Environment and Logistics)	2:30 p.m.. Room 232A Russell Office Building
<b>February 28</b> - Committee on Armed Services	Carl Levin (D/MI)	<b>Hearing</b> – Proposed FY 2003 DOD authorization legislation and the “Future Years Defense Program”	TBA	9:30 a.m. Room 216 Hart Office Building
<b>March 7</b> – Committee on Armed Services <b>(NEW)</b>	Carl Levin (D/MI)	<b>Hearing</b> – Proposed FY 2003 DOD authorization legislation and the “Future Years Defense Program”	General Eric Shinkesi, Chief of Staff, United States Army ; Admiral Vernon Clark, Chief of Naval Operations; General James Jones, Commandant of the Marine Corps; General John Jumper, Chief of Staff, United States Air Force	9:30 a.m. Room 216 Hart Office Building

## CONFERENCE COMMITTEE NEGOTIATIONS/FLOOR VOTES

No new conference committee meetings or floor votes of interest have been scheduled.

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# ATTACHMENT C – NEW TECHNOLOGIES

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturers Claim	Contact
<b>Power Sources</b>			
<b>SAPC-165 – multicrystalline photovoltaic (PV) module</b>	Schott Applied Power Corporation	UL listed and on the California Energy Commission list of approved modules	<a href="http://www.us.schott.com/apc/english/">http://www.us.schott.com/apc/english/</a>
<b>Chillers</b>			
<b>Moving cooler</b>	Skil-Aire	Fully isolates the condenser and evaporative air streams to produce a cooler environment while lowering energy costs	<a href="http://www.skil-aire.com/">http://www.skil-aire.com/</a>
<b>Geo-Chiller™</b>	Applied Scientific Research, Inc.	No water is wasted in the chilling process	<a href="http://www.geochiller.com/">http://www.geochiller.com/</a>
<b>Lighting</b>			
<b>Billboard lighting system</b>	INCON Lighting, Inc.	Lights up billboards at about 20 percent of the cost of conventional incandescent lights	<a href="http://www.inconlighting.com/">http://www.inconlighting.com/</a>
<b>Mini Lynx spiral lamps</b>	SLI ® Lighting Corporation	Energy Star accepted; 10,000-hour life	<a href="http://www.sli-lighting.com/investor/index.cfm">http://www.sli-lighting.com/investor/index.cfm</a>
<b>Alum™ wall luminaires</b>	<a href="http://www.prescolite.com/">Prescolite</a>	Rated life of 10,000 hours; maximizes efficiency while minimizing energy costs	<a href="http://www.prescolite.com/">http://www.prescolite.com/</a>
<b>Sylvania Octron® XPS lamps</b>	Osram Sylvania	Compared to standard T8 systems . . . opportunities to increase light levels up to 14 percent or reduce energy costs up to 19 percent	<a href="http://www.sylvania.com/">http://www.sylvania.com/</a>
<b>Sylvania Xtreme T8 system</b>	Osram Sylvania	19 percent reduction in power consumption, comparable light output and twice the lamp life (30,000 hours average rated lamp life) compared to standard instant start T8 systems	<a href="http://www.sylvania.com/">http://www.sylvania.com/</a>
<b>heaters</b>			
<b>Conservator 90™ Series gas-fired water boiler</b>	Lennox Industries Inc.	AFUE efficiency of 90 percent; Transfers heat three times as fast as conventional cast iron, states the manufacturer.	<a href="http://www.lennoxinternational.com">www.lennoxinternational.com</a>

Technology	Manufacturer	Manufacturers Claim	Contact
<b>Dominator Series domestic hot water heaters and hydronic heating boilers</b>	RBI, a Mestek Co.	84 percent efficiency, low NOx (less than 30 ppm)	<a href="http://www.rbiwaterheaters.com">www.rbiwaterheaters.com</a>
<b>Direct-fired heating and ventilating units</b>	Bananza Air Management Systems, Inc.	Design-certified and tested to the newest ANSI Z83.4 and Z83.18 standards.	<a href="http://www.bananza.com/">http://www.bananza.com/</a>
<b>WATER</b>			
<b>AquaMax (TM) Hybrid Solar Pump System</b>	Worldwater Corp.	Pumps up to 600 HP; cuts electrical or fuel costs whenever the sun is shining, states the manufacturer.	<a href="http://www.worldwater.com">http://www.worldwater.com</a>
<b>Aqura, wireless, point-of-use water meter</b>	Wellspring Wireless Utility Services	Tracks water consumption and aids in submetering in residential units without separate supply lines.	<a href="http://www.wellspringwireless.com">http://www.wellspringwireless.com</a>

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# **ATTACHMENT F**

## **MEETINGS, CONFERENCES, AND OTHER EVENTS**

**NOTE:** New events are highlighted in **blue**.  
DOE-sponsored events are highlighted in **red**.

### **ATLANTA REGION**

<b>DATE</b>	<b>EVENT</b>	<b>SPONSOR</b>
March 11-13, 2002	Distributed Generation and On-Site Power Atlanta, GA	Energy User News, Global Energy Solutions, Energy Central, Scientech, and E-Source
May 6-7, 2002	American Public Power Association Utility Education Course: Demand Side Management: Energy Efficiency in a Competitive Electric Power Market Key West, FL	American Public Power Association
May 8-9, 2002	Southeast Green Power Summit Raleigh, NC	North Carolina Solar Center

### **BOSTON REGION**

<b>DATE</b>	<b>EVENT</b>	<b>SPONSOR</b>
March 20-23, 2002	Building Energy 2002 Medford, MA	Northeast Sustainable Energy Association
June 2-4, 2002	EEI Annual Convention/Expo Boston, MA	Edison Electric Institute

### **CHICAGO REGION**

<b>DATE</b>	<b>EVENT</b>	<b>SPONSOR</b>
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002
<b>April 16-17, 2002</b>	<b>Federal Utility Partnership Working Group Omaha, NE</b>	<b>Federal Energy Management Project</b>
May 6-10, 2002	Comprehensive Five-Day Training Program for Energy Managers Chicago, IL	Association of Energy Engineers
May 9-11, 2002	National Conference on Building Commissioning Chicago, IL	Portland Energy Conservation, Inc.



DATE	EVENT	SPONSOR
<b>June 23-25, 2002</b>	<b>95<sup>th</sup> Annual Convnetion and Office Building Show Chicago, IL</b>	<b>Building Owners and Manufacturers Association</b>
July 22-25, 2002	FedFleet 2002 Kansas City, MO	Federal Fleet Policy Council and GSA

#### DENVER REGION

DATE	EVENT	SPONSOR
<b>March 7-8, 2002</b>	<b>Demand-Response Programs Houston, TX</b>	<b>Center for Business Intelligence</b>
April 11, 2002	Oklahoma Wind Power: Emerging Opportunities Oklahoma City, OK	Oklahoma Wind Power Initiative
<b>May 12-15, 2002</b>	<b>Eighth National Clean Cities Conference and Exposition Oklahoma City, OK</b>	<b>Office of Transportation Technologies Department of Energy</b>
August 1-2, 2002	American Public Power Association Utility Education Course: Restructuring/Competition Update: Lessons Learned from California Snowmass/Aspen, CO	American Public Power Association

#### PHILADELPHIA REGION

Date	Event	Sponsor
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
<b>March 18-21, 2002</b>	<b>2002 Government Facility Management Training Sessions Washington, DC</b>	<b>Performance Institute</b>
March 25-27, 2002	Sixth National Symposium on Market Transformation Washington, DC	American Council for an Energy Efficient Economy
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers
April 15-19, 2002	Comprehensive Five-Day Training Program for Energy Managers Washington, DC	Association of Energy Engineers
April 22-23, 2002	Restructuring Transmission Operations Alexandria, VA	Center for Business Intelligence

Date	Event	Sponsor
April 22-25, 2002	North American Green Purchasing Conference Philadelphia, PA	The Center for a New American Dream and TerraChoice International
<b>April 29-May 2, 2002</b>	<b>Worldwide Energy Conference: Fuel for Today's Forces Washington, DC</b>	<b>Defense Energy Support Center</b>
July 15-19, 2002	Comprehensive Five-Day Training Program for Energy Managers Valley Forge, PA	Association of Energy Engineers

#### SEATTLE REGION

DATE	EVENT	SPONSOR
<b>June 2-5, 2002</b>	<b>Energy 2002 Palm Springs, CA</b>	<b>Federal Energy Management Project</b>
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society
June 17-21, 2002	Comprehensive Five-Day Training Program for Energy Managers San Francisco, CA	Association of Energy Engineers
<b>June 22-26, 2002</b>	<b>2002 Annual Meeting Honolulu, HI</b>	<b>American Society of Heating, Refrigeration, and Air-Conditioning Engineers</b>
August 18-23, 2002	Teaming for Efficiency Pacific Grove, CA	American Council for an Energy Efficient Economy

#### MULTIPLE REGIONS

DATE	EVENT	SPONSOR
<b>March 12, 19, 26, 2002</b>	<b>Energy Management Teleworkshop Online</b>	<b>Federal Energy Management Program</b>

#### INTERNATIONAL

DATE	EVENT	SPONSOR
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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